

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### FOIL and Factor pop quiz (version 4)

FOIL the expressions shown below:

1.  $(x - 7)(x + 2)$

$$x^2 - 5x - 14$$

2.  $(x - 4)(x - 8)$

$$x^2 - 12x + 32$$

3.  $(x + 7)(x + 4)$

$$x^2 + 11x + 28$$

4.  $(x + 6)(x - 8)$

$$x^2 - 2x - 48$$

5.  $(x + 6)(x - 5)$

$$x^2 + x - 30$$

**Factor the expressions shown below:**

6.  $x^2 + 10x + 16$

$$(x + 8)(x + 2)$$

7.  $x^2 - 2x - 63$

$$(x + 7)(x - 9)$$

8.  $x^2 + 7x + 12$

$$(x + 3)(x + 4)$$

9.  $x^2 - 6x + 5$

$$(x - 1)(x - 5)$$

10.  $x^2 + 12x + 35$

$$(x + 7)(x + 5)$$